

ABSTRACT

An apparatus, a carrier medium storing instructions to implement a method, and a method in a node of a wireless network able to receive packets that exactly or substantially conform to a wireless network standard according to which each packet includes a header having bits that have respective correct values in the case that the packet exactly conforms to the standard. The method includes receiving a start-of-packet (SOP) trigger that indicates that a packet may have been received, checking one or more bits in the header to determine whether or not they have their respective correct values, and continuing to process the packet in the case that the checking indicates that the checked bits have their respective correct values. In one implementation, the header includes a first field modulated at a known rate that has one or more unused bits, and a second field modulated at a data rate indicated in the first field. In such an implementation, the checking includes processing the first field and checking one or more bits in the first field to determine whether or not they have their respective correct values, and, if the checked bits of the first field have their respective correct values, checking the second field for integrity.